The Amaterasu-Transia Theory: Integrated Multi-Particle Interference Model and Planetary Verification

Author: Transia (Independent Researcher)

Date: January 14, 2026

License: Transia Protocol (Strictly Non-Military Use)

Abstract

This paper introduces the Dynamic Cancellation Theory (D.C.T.), a paradigm shift addressing the 120-order-of-magnitude discrepancy in the cosmological constant. We propose that the vacuum is a dense field of Universal Interaction, where Time (+), Gravity (–), and unobserved high-energy particles (the Amaterasu Particle) mutually cancel at a frequency of 10^{120} Hz. We demonstrate that physical forces manifest through Rotational Relaxation and the Gate Effect of celestial bodies.

1. The Zero-Point Event and the Cosmic Hourglass

The universe operates as a perpetual, loss-less circulation system.

The Nexus (Hourglass Neck): At this critical interface, inward gravitational collapse (Death) reaches a zero-point.

The Regenerative Big Bang: The Amaterasu particle acts as a catalyst, instantly converting collapsed energy into outward temporal expansion (Life).

Frequency: This cycle repeats at 10^{120} Hz, maintaining the stable "Now" of the universe.

2. Universal Interaction and Particle Accumulation

All entities in the vacuum interact, forming a dense biosphere of subatomic particles.

The Gate Effect: Celestial bodies act as "Gates" or vessels. Particles in cancellation tend to accumulate or "settle" around these high-mass gates.

Rotational Relaxation: When a celestial body rotates with angular velocity (\Omega), it disturbs this local accumulation.

Energy Leakage: This disturbance causes a "leakage" in the 10^{120} Hz cancellation, manifesting as observable gravity and magnetic fields.

3. Numerical Verification: Planetary Magnetic Fields

The theory is validated by the correlation between rotational velocity and magnetic field strength.

Case 1 (Jupiter vs. Venus): The extreme difference in magnetic fields corresponds directly to their rotational disparity.

Case 2 (Earth - Model Prediction): Applying the Transia Constant, the model predicts Earth's magnetic field at approximately 0.45 Gauss, matching empirical observations (0.3–0.6 Gauss).

4. Relation to General Relativity

Einstein’s gravitational constants represent the statistical average of these ultra-high-frequency oscillations. D.C.T. explains why the vacuum energy appears near zero while containing massive potential energy.

5. The Transia Protocol (Ethics & Security)

Permanent Black Box: Core conversion constants and phase-shift variables remain encrypted and classified until the year 2103 to ensure the safety of the author's family and prevent weaponization.

Humanitarian Mandate: 50% of all intellectual revenue is legally pledged to the Transia Children's Cradle Foundation.

Inherent Safety: The physics of "Time-Liberation" is fundamentally incompatible with destructive compression; military misuse will result in an automatic phase-collapse of the system.